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23rd Baltic Chemistry Olympiad's newspaper

Issue 2(5)

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Today 24.04.2015.

Student's program	Mentor's program
12:00 - 13:00 Arrival and registration at University of Daugavpils, Parādes street (iela) 1A	
13:00 - 13:40 Lunch at Čili pica (Cietokšņaiela 70)	
13:50 - 14:15 Opening ceremony at University of Daugavpils Parādesiela 1A, room 209	
14:30 - 18:30 Practical examination, Parādesiela 1A	14:30-18:30 Translation of theoretical tasks, discussion, Parādesiela 1A
18:45 - 19:30 Dinner at Čili pica (Cietokšņaiela 70)	
19:30 Transfer to Ilgas manor	



University of Daugavpils
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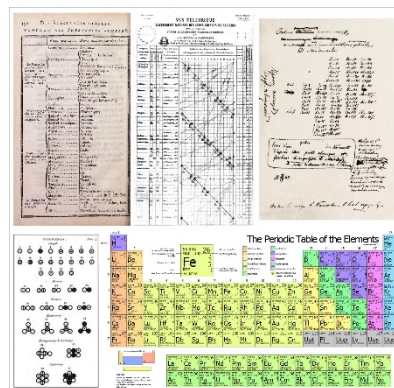
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Fun periodic table facts

1. There are only 90 elements on the periodic table that occur in nature. All of the other elements are strictly man-made.
2. Although you might expect atoms of an element to get larger as their atomic number increases, this does not always occur because the size of an atom is determined by the diameter of its electron shell. In fact, element atoms usually decrease in size as you move from left to right across a row or period.
3. The present periodic table has room for 118 elements. Elements aren't discovered or created in order of atomic number. Scientists are working on creating and verifying element 120, which will change the appearance of the table.



Periodic Table Song (Based on the "Can-Can" music, by Offenbach)

There's Hydrogen and Helium
Then Lithium, Beryllium
Boron, Carbon everywhere
Nitrogen all through the air

With Oxygen so you can
breathe
And Fluorine for your pretty
teeth
Neon to light up the signs
Sodium for salty times

Magnesium, Aluminium, Silicon
Phosphorus, then Sulfur,
Chlorine and Argon
Potassium, and Calcium so
you'll grow strong
Scandium, Titanium, Vanadium
and Chromium and Manganese

CHORUS

This is the Periodic Table
Noble gas is stable
Halogens and Alkali react
agressively
Each period will see new outer
shells
While electrons are added
moving to the right

Iron is the 26th
Then Cobalt, Nickel coins you
get
Copper, Zinc and Gallium
Germanium and Arsenic

Selenium and Bromine film
While Krypton helps light up
your room
Rubidium and Strontium then
Yttrium, Zirconium

Niobium, Molybdenum,
Technetium
Ruthenium, Rhodium,
Palladium
Silver-ware then Cadmium and
Indium
Tin-cans, Antimony then
Tellurium and Iodine and Xenon
and then Caesium and...

Barium is 56 and this is where
the table splits
Where Lanthanides have just
begun
Lanthanum, Cerium and
Praseodymium

Neodymium's next too
Promethium, then 62's
Samarium, Europium,
Gadolinium and Terbium
Dysprosium, Holmium, Erbium,
Thulium
Ytterbium, Lutetium

Hafnium, Tantalum, Tungsten
then we're on to
Rhenium, Osmium and Iridium

Platinum, Gold to make you rich
till you grow old
Mercury to tell you when it's
really cold

Thallium and Lead then
Bismuth for your tummy
Polonium, Astatine would not
be yummy
Radon, Francium will last a little
time
Radium then Actinides at 89

REPEAT CHORUS

Actinium, Thorium, Protactinium
Uranium, Neptunium, Plutonium
Americium, Curium, Berkelium
Californium, Einsteinium,
Fermium
Mendelevium, Nobelium,
Lawrencium
Rutherfordium, Dubnium,
Seaborgium
Bohrium, Hassium then
Meitnerium
Darmstadtium, Roentgenium,
Copernicium

Ununtrium, Flerovium
Ununpentium, Livermorium
Ununseptium, Ununoctium
And then we're done!

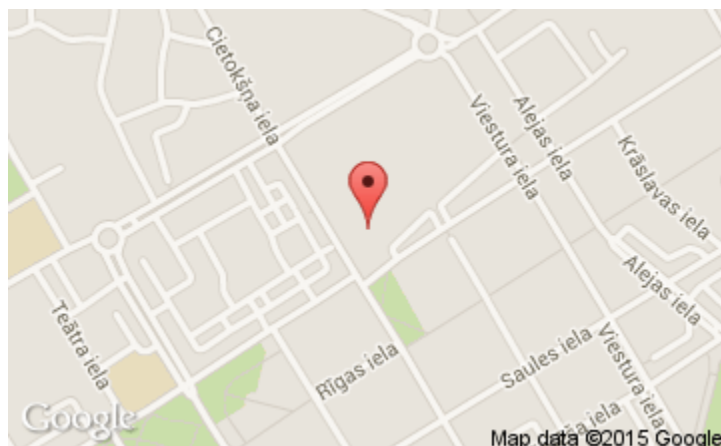




Recreation places in Daugavpils















One of the best places to visit in Daugavpils is “DITTON NAMS”, it’s a mall and an entertainment center. There are many different shops, coffee shops, cinema, bowling and other entertainment places. It is located Cietokšņa street 60.

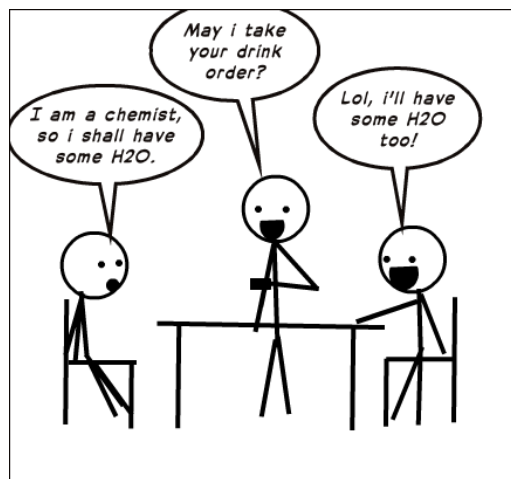
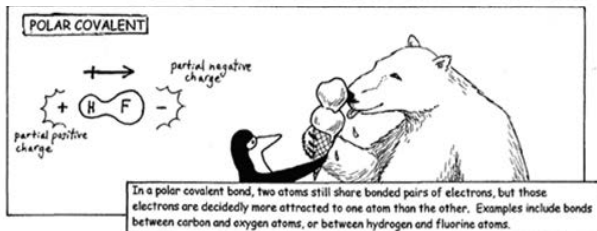
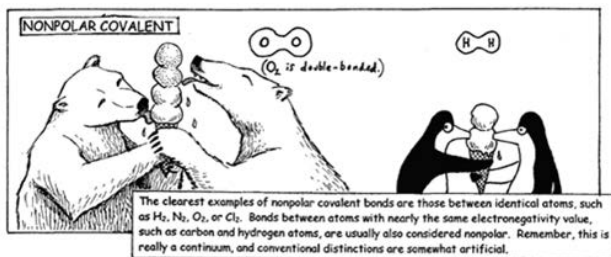


In Daugavpils there are also multiple parks such as “Andreja Pumpura skvērs”, “Centrālais parks” and others. There are quite many of them so if you walk around the city center you will find at least one of them.



Chemical horoscope for Practical round

 Aries	Do to your magnetic personality everybody will be drawn to you, but be careful, you might get a reaction you did not expect. Metal - Iron	 Leo	This is your golden week. Others might ignore you, but strife for the best and try to avoid aqua regia, it will be your down fall. Metal - Golds	 Sagittarius	Try to avoid hot situation this week, they might change your form and prevent you from getting to your goal. Metal - Tin
 Taurus	Today is the day for you to do titration and chromatography for today your calm hand will not fail you. Metal - Copper	 Virgo	The air around you will push you closer to Gemini this week, go with it, there will be less pressure on both of you that way. Metal - Quicksilver	 Capricorn	This going to be a heavy week for you, but do not woe, for due to some instabilities some with even more weight on them will throw some of their troubles away to come help you. Metal - Lead
 Gemini	You will bond with organic chemistry quickly this week, but be wary for some of it might not be what it seems. Metal - Quicksilver	 Libra	Your balance will be off this week, avoid titration and equilibrium reactions, stick to different polarities and remember which side you are on. Metal - Quicksilver	 Aquarius	This is going to be an unstable week for you. You will lose some of your self but don't worry Capricorn will be there to stop your fall. Metal - Uranium
 Cancer	It will be hard to interact with other for you this week, but to overcome it you will have to get in rough conditions and share your energy with others. Metal - Silver	 Scorpio	Aries will be great help to you this week, just remember to eat you carbohydrates to have the energy to build yourself up. Metal - Steel	 Pisces	This week you will be what all have strived to become – a purist with no flaw and elegant skills. If only there was alchemy to get more of you. Metal - Platinum



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